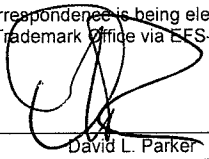


<p style="text-align: center;">CERTIFICATE OF ELECTRONIC TRANSMISSION 37 C.F.R. § 1.8</p> <p>I hereby certify that this correspondence is being electronically filed with the United States Patent and Trademark Office via EFS-Web on the date below:</p> <p>March 25, 2011 Date</p> <p style="text-align: right;"> David L. Parker</p>
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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Moritz Bünemann *et al.*

Serial No.: 10/538,985

Filed: August 18, 2006

For: MILLISECOND ACTIVATION SWITCH  
FOR SEVEN-TRANSMEMBRANE  
PROTEINS

Group Art Unit: 1646

Examiner: Pak, Michael D.

Atty. Dkt. No.: VOSS:008US

Confirmation No.: 2063

**AMENDMENT AND RESPONSE TO OFFICE ACTION**  
**DATED DECEMBER 28, 2010**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Commissioner:

This paper is submitted in response to the Office Action dated December 28, 2010 for which the date for response is March 28, 2011.

It is believed that no fees are due in connection with this response. However, if any fees are due, consider this paragraph such a request and authorization to withdraw the appropriate fee under 37 C.F.R. §§ 1.16 to 1.21 from Fulbright & Jaworski L.L.P. Account No.: 50-1212/VOSS:008US.

A **Listing of Claims** begins on page 2. **Remarks** begin on page 6.